



REPLACEMENT SHEET

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Attorney Docket: 2977-127

10'
CK 10' 20' 30' 40' 50' 60'

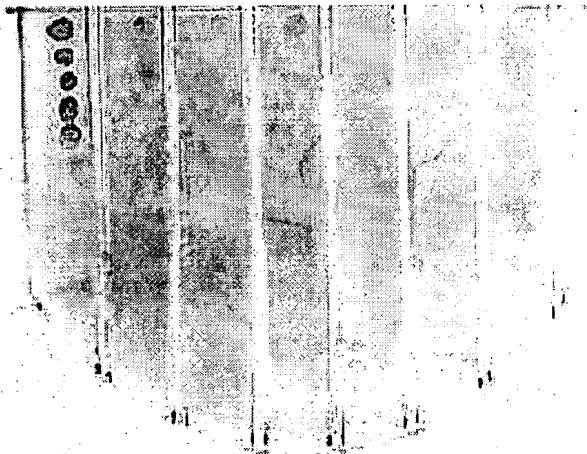


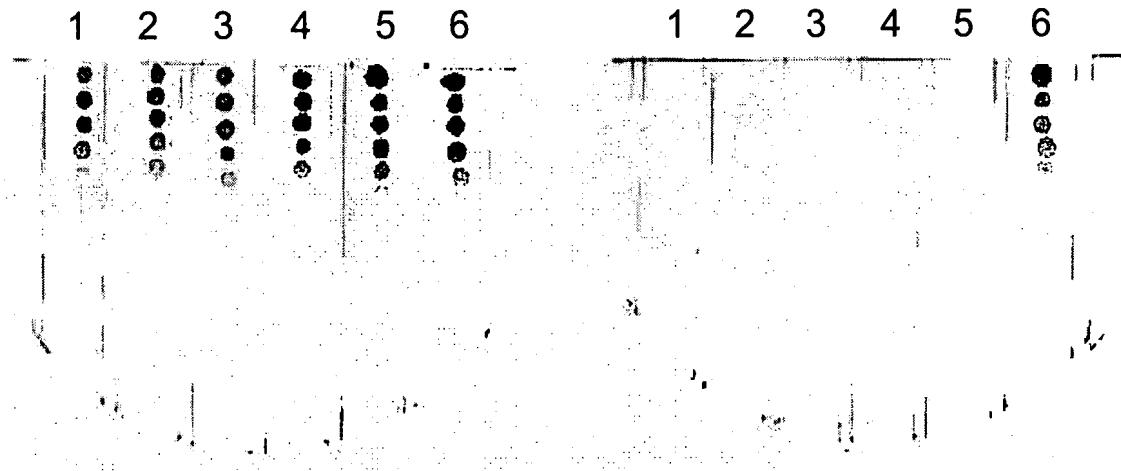
FIG. 1



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A



B

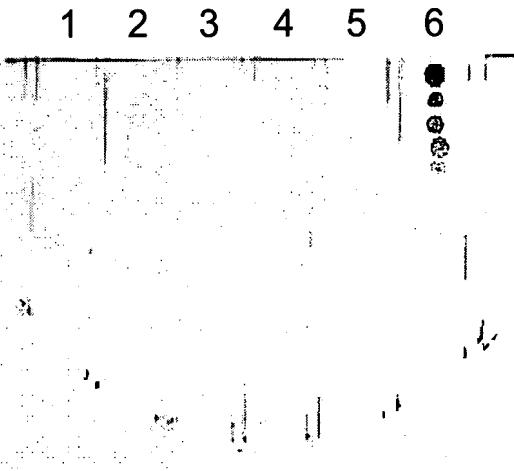


FIG.2



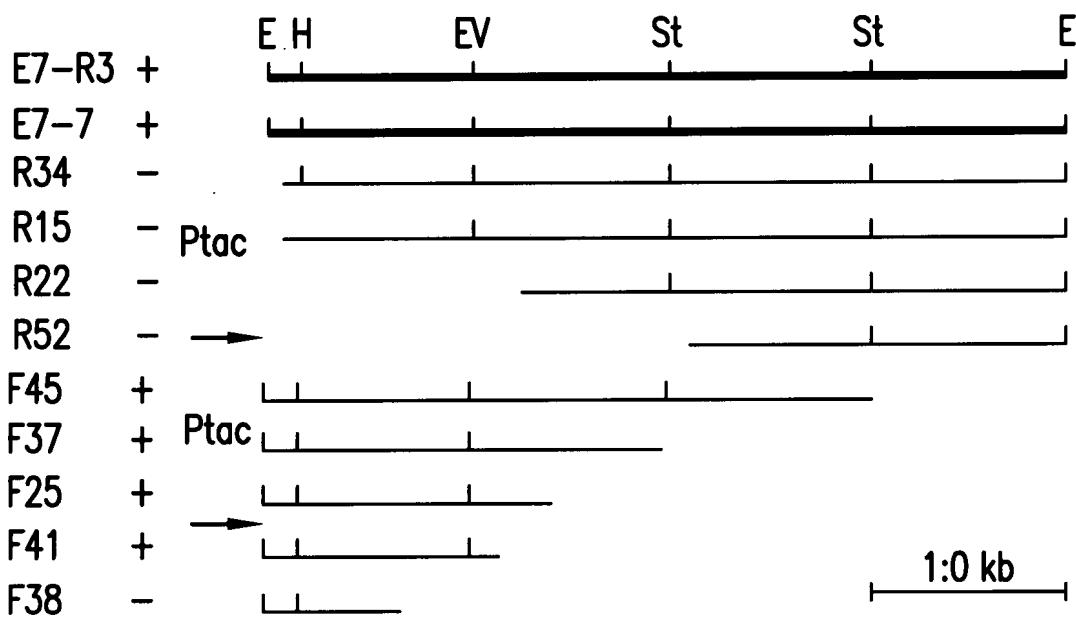
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Clone Activity



AiiA
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FIG.3



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..cttactgtattgtttattcaaaactaaatgtaaaggtgatacata -1
ATGACAGTAAAGAAGCTTATTCTGCCAGCAGGTGTTGATGTTGGA 50
TCATTCGTCTGTTAATAGTACATTAACACCAGGAGAATTATTAGACTTAC 100
CGGTTTGGTGTTATCTTTGGAGACTGAAGAAGGACCTATTTAGTAGAT 150
ACAGGTATGCCAGAAAGTCAGTTATAATGAAGGTCTTTAACGGTAC 200
ATTTGTCGAAGGGCAGGTTTACCGAAAATGACTGAAGAAGATAGAATCG 250
TGAATATTTAAAACGGGTTGGTTATGAGCCGGAAGACCTTCTTATATT 300
ATTAGTTCTCACTTGCATTGATCATGCAGGAGGAAATGGCGCTTTAT 350
AAATACACCAATCATTGTACAGCGTGTGAATATGAGGCGCGCAGCATA 450
GCGAAGAATATTGAAAGAATGTATATTGCCAATTAAACTACAAAATC 500
ATTGAAGGTGATTATGAAGTCGTACCGAGGTTCAATTATTGCATACACC 550
AGGCCATACTCCAGGGCATCAATCGCTATTAAATTGAGACAGAAAAATCCG 600
GTCCTGTATTATTAACGATTGATGCATCGTATACGAAAGAGAATTGGAA 650
AATGAAGTGCCATTGCGGGATTGATTAGAATTAGCTTATCTTCAAT 700
TAAACGTTAAAAGAAGTGGTGATGAAAGAGAAGCCGATTGTTTCTTG 750
GACATGATATAGAGCAGGAAAGGGGATGTAAGTGTCCCTGAATATATA 800
TAGtacaaaaagtcatgagcttattcgctcatgactttcgtaatg 850
Attttttaataagttataaacttttagaactatcttcatttaattg 900
Atagtcgttaagggttacatcattaggagtatcttgttagcaatcatca 950
Cttcgttactgtgatggtcaactacccatatgaaatattttataagtc 1000
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Attgactcgacatgtatatcttttattctgtttcctaaaagacagg 1200
gggctcattgggtctttgagt 1222

FIG.4A



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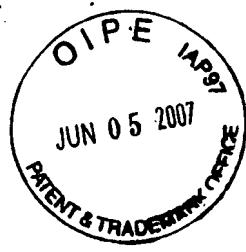
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ISSHLHFDHAGGNGAFINTPIIVQRAEYEAAQHSEYLKECILPNLNYKI 150
IEGDYEVVPGVQLLHTPGHQSLLIETEKSGPVLLTIDASYTKENFE 200
NEVPFAGFDSELALSSIKRLKEVVMKEKPIVFFGHDIEQERGCKVFPEYI 250

FIG.4B

Asp: [L [VMFGAC]-[L I VMTADN]-[L I \FSA]-D-[S T]-G-[S T A V]-
AiiA: I₄₇ L V D T G M

Asp: [S T A P D E N Q]-X-[L I V M F S T N C]-X-[L I V M F G T A]
AiiA: P E S A V₅₈

FIG.5



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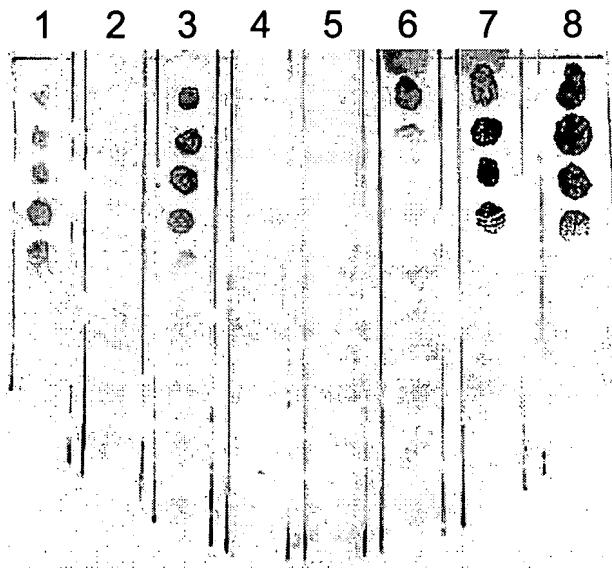


FIG. 6

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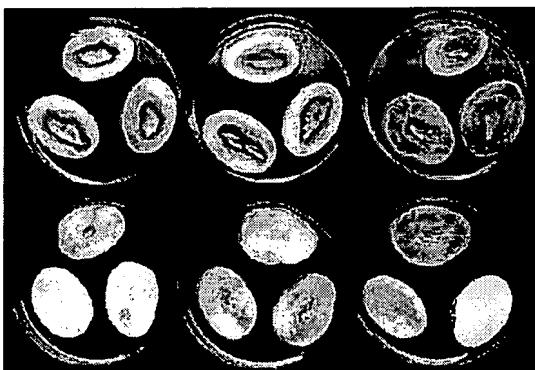
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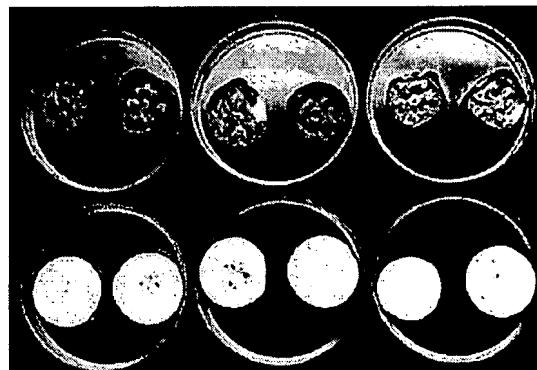
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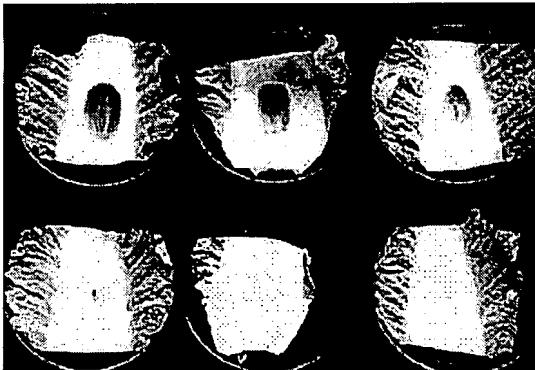
A



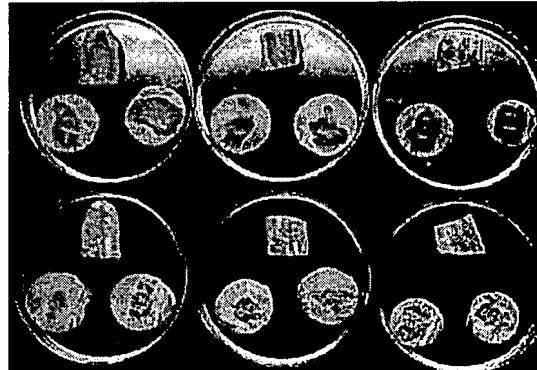
B



C



D



E

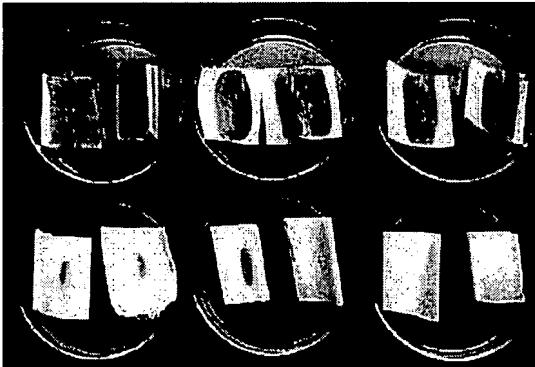


FIG. 7